

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-103877

(43)Date of publication of application : 20.04.1999

(51)Int.Cl.

C12P 1/02
C12N 1/14
// A61K 35/84
A61K 35/84
(C12N 1/14
C12R 1:645)

(21)Application number : 09-268413

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(22)Date of filing : 01.10.1997

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(54) EXTRACTION OF MEDICINALLY EFFECTIVE INGREDIENT FROM CULTURE PRODUCT OF AGARICUS MUSHROOM CELL

(57)Abstract:

PROBLEM TO BE SOLVED: To efficiently extract a medicinally effective ingredient from the culture product of Agaricus mushroom cell bodies by crushing the culture product of the Agaricus mushroom cell bodies cultured in a solid culture medium containing bagasse as a main material together with the solid culture medium and extracting the crushed product in specific conditions. SOLUTION: This method for extracting the medicinally effective ingredient comprises culturing Agaricus mushroom cells in a solid culture medium containing bagasse as a main material, crushing the culture product together with the solid culture medium, and subsequently extracting the medicinally effective ingredient from the crushed product with an extraction solvent comprising water and an extraction auxiliary (ethyl alcohol or the like) at a temperature below the boiling point. A functional health food material having an excellent pharmacological effect is obtained.

LEGAL STATUS

[Date of request for examination]

16.10.2000

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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